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(54) Title: **OLEFIN POLYMERISATION PROCESS IN THE PRESENCE OF AN ANTI-FOULING AGENT**

(57) Abstract: An olefin polymerisation process carried out in the presence of an anti-fouling agent and a chromium-type catalyst or Ziegler Natta catalyst; characterised in that the anti-fouling agent comprises an anti-fouling polymer having an average molecular weight (Mw) of greater than 1000 daltons and containing: (1) one or more blocks - (CH₂-CH₂-O) k- where each k is in the range from 1 to 50; and (2) one or more blocks - (CH₂-CH(R)-O) n- where R comprises an alkyl group having from 1 to 6 carbon atoms and each n is in the range from 1 to 50, and terminated by a R' and a R" end groups, wherein R' is OH or an alkoxy having from 1 to 6 carbon atoms and R" is H or an alkyl having from 1 to 6 carbon atoms.